

Blood cell image segmentation: a review

Abstract

Image processing technique involved five basic components which are image acquisition, image preprocessing, image segmentation, image post-processing and image analysis. The most critical step in image processing is the segmentation of the image. In this paper, we review some of the general segmentation methods that have found application in classification in biomedical-image processing especially in blood cell image processing. Basically, segmentation of the image divides the whole image into some unique disjoint regions. The fact that the segmented image should retain maximum useful information and discard unwanted information makes the whole process critical.

Keywords — Blood pressure, Electrocardiography (ECG), Heart Rate (HR)